PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) BP PRODUCTS NORTH AMERICA INC.

ADDRESS WHITING REFINERY

ATTN: LOCATION WHITING FACILITY

BP PRODUCTS NORTH AMERICA INC

2815 INDIANAPOLIS BOULEVARD

WHITING

ASHOK K. JHAWAR, PLANT MGR

CARBON, TOT ORGANIC (TOC)

MEASUREMENT

SAMPLE

REQUIREMENT

EFFLUENT GROSS VALUE

00560

IR METH)TOT,RC

MEASUREMENT

SAMPLE

PERMIT

REQUIREMENT

PERMIT

00680

EFFLUENT GROSS VALUE

OIL & GREASE (FREON EXTR.-

EFFLUENT GROSS VALUE

모

PARAMETER

00400

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MEASUREMENT

SAMPLE

AVERAGE

MAXIMUM

UNITS

MINIMUM

discharge

MINIMUM

No

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QUANTITY OR LOADING

YEAR

DAY 2

YEAR

S O

PERMIT NUMBER IN0000108

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD **DISCHARGE NUMBER**

Form Approved

MAJOR F - FINAL EFFLUENT

OMB No. 2040-0004 Approval Expires 05-31-98

SIGNATURE OF PRINCIPAL EXECUTIVE QUANTITY OR CONCENTRATION discharge lischarge **AVERAGE** REPORT MO AVG REPORT DAY ဗ discharge ö discharge For Any Questions call Jeff Ewick at 317-233-0676 MAXIMUM MAXIMUM scharge 5.0 *** NO DISCHARGE NOTE: Read Instructions before completing this form 219 AREA CODE STIND (12) MG/L MG/L TELEPHONE 19) 19) S |473-3179 灾 NO. FREQUENCY SAMPLE 0 0 0 MONTH Egg & ANALYSIS WEEKLY × × × × *** DATE Ú

TYPED OR PRINTED for knowing violations.

Whiting Business Unit Business Unit Leader Ashok K.

Jhawar

Authorized Agent:

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

znone

znone

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MEASUREMENT

SAMPLE

PERMIT

REQUIREMENT

PERMIT

SAMPLE MEASUREMENT

REQUIREMENT

REQUIREMENT

znone

PM

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REQUIREMENT

PERMIT

znone

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here)

*Required to sample on 1st discharge of week. Outfall 004 was closed the entire month of November.

submitting false information, including the possibility of fine or imprisonment accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and beliet, true, system, or those persons directly responsible for gathering the information, designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the prepared under my direction or supervision in accordance with a system I certify under penalty of law that this document and all attachments were

OFFICER OR AUTHORIZED AGENT

NUMBER

YEAR

≅

DAY

WHITING, LAKE COUNT INDUSTRIAL MAJOR

INDUSTRIAL MAJOR, LAKE COUNT

ADDRESS PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY 2815 INDIANAPOLIS BOULEVARD BP PRODUCTS NORTH AMERICA INC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER IN0000108

YEAR **≅ DISCHARGE NUMBER**

MAJOR F - FINAL EFFLUENT

OMB No. 2040-0004

Approval Expires 05-31-98

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certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowlege and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment	his document and ipervision in accor personnel properly my inquiry of the responsible for ga e best of my know are that there are ding the possibility	all attachments dance with a sys dance with a sys gather and evaluersons who mar thering the inforrage and belief, the significant penalts of fine or impris	ttem uate the nage the mation, frue, ies for	SIGNA	TURE OF I	RE OF PRINCIPA	SIGNATURE OF PRINCIPAL EXECUTIVE	+ ₄ E	EPHONE 73-3179	2003	DATE DATE
for knowing violations.				OFFI	OFFICER OR AUTHORIZED AGENT	THORIZE		CODE N	NUMBER	YEAR	MO DAY

00680

EFFLUENT GROSS VALUE

SAMPLE MEASUREMENT

REQUIREMENT

PERMIT

znone

CARBON, TOT ORGANIC (TOC)

SAMPLE MEASUREMENT

REQUIREMENT

EFFLUENT GROSS VALUE

OIL & GREASE (FREON EXTR.-**EFFLUENT GROSS VALUE**

IR METH)TOT,RC

MEASUREMENT

SAMPLE

PERMIT

EQUIREMENT

PERMIT

꾿

SAMPLE MEASUREMENT

00400

FACILITY

WHITING

BP PRODUCTS NORTH AMERICA INC

LOCATION WHITING

ATTN:

ASHOK K. JHAWAR, PLANT MGR

PARAMETER

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) 003 was closed Required to sample on 1st discharge of week. TYPED OR PRINTED for knowing violations. the entire month of November

Business Unit Leader Ashok K. Jhawar Authorized Agent:

Whiting Business Unit

NAME/TITLE PRINCIPAL EXECUTVE OFFICER

znone

uec 21

REQUIREMENT

SAMPLE MEASUREMENT

REQUIREMENT

MEASUREMENT

SAMPLE

EQUIREMENT

znone

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1/

MEASUREMENT

SAMPLE

REQUIREMENT

PERMIT

WHITING, LAKE COUNTY INDUSTRIAL MAJOR

ADDRESS PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY BP PRODUCTS NORTH AMERICA INC.

LOCATION WHITING

FACILITY

BP PRODUCTS NORTH AMERICA INC.

46394

YEAR

2815 INDIANAPOLIS BOULEVARD

WHITING

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER IN0000108

MAJOR F-FINAL

Form Approved OMB No. 2040-0004 Approval Expires 05-31-98

≤ MONITORING PERIOD DAY DISCHARGE NUMBER YEAR Z O DAY For Any Questions call Jeff Ewick at 317-233-0676 *** NO DISCHARGE EFFLUENT

BER YEAR MO	NUMBER	ZED AGENT CODE	OFFICER OR AUTHORIZED AGENT	<u> </u>		onto hom)	for knowing violations.	for know	TYPED OR PRINTED for knowing violations.
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COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here,

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Mail Preprinted Forms to IDEM (No Photo Copies) WHITING, LAKE COUNT

INDUSTRIAL MAJOR

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) 00179 NAME/TITLE PRINCIPAL EXECUTVE OFFICER OIL & GREASE (FREON EXTR .-EFFLUENT NET VALUE 00560 OIL & GREASE (FREON EXTR.-OIL & GREASE (FREON EXTR .-**EFFLUENT GROSS VALUE** 00400 EFFLUENT NE WASTE HEAT REJECTION RATE CENTIGRADE **ADDRESS** EFFLUENT GROSS VALUE IR METH)TOT,RC **EFFLUENT GROSS VALUE** CENTIGRADE INTAKE FROM STREAM IR METHATOT RC R METH)TOT,RC NTAKE FROM STREAM 00010 TEMPERATURE, WATER DEG. 00010 ATTN: LOCATION WHITING Ashok K. Jhawar TEMPERATURE, WATER DEG. Whiting Business Unit Business Unit Leader Authorized Agent: PARAMETER TYPED OR PRINTED **BP PRODUCTS NORTH AMERICA INC** 2815 INDIANAPOLIS BOULEVARD ASHOK K. JHAWAR, PLANT MGR WHITING **WALUE** 0 MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT REQUIREMENT PERMIT PERMIT PERMIT PERMIT SAMPLE PERMIT SAMPLE PERMIT SAMPLE SAMPLE PERMIT I certify under penalty of law that this document and all attachments were for knowing violations. submitting false information, including the possibility of fine or imprisonment the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, accurate, and complete. I am aware that there are significant penalties for information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the prepared under my direction or supervision in accordance with a system **AVERAGE** MO AVG 996 **** 1700 QUANTITY OR LOADING MAXIMUM MX DA AV ,170 YEAR PERMIT NUMBER IN0000108 05 ***** MBTU, UNITS ***** ***** ***** ***** MONITORING PERIOD DAY MUNIMUM MINIMUM ****** 5 DISCHARGE NUMBER SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT YEAR QUANTITY OR CONCENTRATION 2 <u>₹</u> REPOR REPORT **AVERAGE** REPOR REPOR MO AVG $\nearrow 0.3$ MO AVG REPOR MO AVG MO/AVG 10.3 ∠0.3 DAY For Any Questions call Jeff Ewick at 317-233-0676 DAILY IND DAILYM REPORT REPOR REPORT MAXIMUM **2**0.3 MUMIXA 0.3 0.3 50 13 ဖ NOTE: Read Instructions before completing this form NO DISCHARGE 219 UNITS 04) DEG.C DEG.C TELEPHONE MG/L MG/L MG/L 12) 04 S 473-3179 19) 19 19 NUMBER ウ 0 NO. FREQUENCY SAMPLE 0 THREE, THREE/ MESW TIMES WEEK TIMESWEE THREE WIL THREE, THREE /WEEK /WEEK 2002 WEEK ANALYSIS TIME TIME TIME YEAR DATE ĕ O É GRAB CONTI GRAB GRAB GRAB GRAB CONT

NAME

WHITING REFINERY

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING

F - FINAL MAJOR

OMB No. 2040-0004 Approval Expires 05-31-98

BP PRODUCTS NORTH AMERICA INC.

EPA FORM 3320-1 (08-95) Revised by Indiana (August 2001)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

Mail Preprinted Forms to IDEM (No Photo Copies) WHITING, LAKE COUNT

INDUSTRIAL MAJOR

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) WHITING REFINERY BP PRODUCTS NORTH AMERICA INC.

FACILITY

BP PRODUCTS NORTH AMERICA INC

YEAR|

≅ 0

DAY

PERMIT NUMBER

2815 INDIANAPOLIS BOULEVARD

WHITING

LOCATION WHITING

ADDRESS

DISCHARGE MONITORING REPORT (DMR) IN0000108 001A

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

MAJOR F - FINAL EFFLUENT

Form Approved
OMB No. 2040-0004
Approval Expires 05-31-98

MONITORING PERIOD 7<mark>0</mark> **DISCHARGE NUMBER** YEAR MO <u>-</u> DAY မ For Any Questions call Jeff Ewick at 317-233-0676 NOTE: Read Instructions before completing this form NO DISCHARGE

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s before compl	NOTE: Read Instructions before completing this form	NOTE:	11 30	10	11 01	FROM 02		R, PLANT MGR.	ATTN: ASHOK K. JHAWAR, PLANT MGR

COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here) TYPED OR PRINTED for knowing violations.

INDUSTRIAL MAJOR

ADDRESS PERMS, TEE NAME/ADDRESS (Include Facility Name/Location if Different) **BP PRODUCTS NORTH AMERICA INC**

WHITING REFINERY

BP PRODUCTS NORTH AMERICA INC 2815 INDIANAPOLIS BOULEVARD WHITING

FACILITY

LOCATION WHITING ASHOK K. JHAWAR, PLANT MGR

> NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER IN0000108 001A

MONITORING PERIOD DISCHARGE NUMBER

> EFFLUENT F-FINAL MAJOR

Form Approved Approval Expires 05-31-98 OMB No. 2040-0004

For Any Questions call Jeff Ewick at 317-233-0676 *** NO DISCHARGE ***

NOTE: Read Instructions before completing this form

FREQUENCY SAMPLE

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COMMENTS AND EXPLANATION OF ANY VIOLATION (Reference all attachments here, TYPED OR PRINTED for knowing violations.

submitting false information, including the possibility of fine or imprisonmen accurate, and complete. I am aware that there are significant penalties for the information submitted is, to the best of my knowlege and belief, true, system, or those persons directly responsible for gathering the information, information submitted. Based on my inquiry of the persons who manage the designed to assure that qualified personnel properly gather and evaluate the I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system

OFFICER OR AUTHORIZED AGENT

AREA CODE

NUMBER

YEAR

MO

DAY

NAME/TITLE PRINCIPAL EXECUTVE

OFFICER

REQUIREMENT

MO AVG

DAILY MX

51.4

LBS/DY

26)

23.1

EFFLUENT GROSS VALUE

SULFIDE, TOTAL

(ASS)

MEASUREMENT

ω •

SAMPLE

REQUIREMENT

MO AVG

DAILY MX

1030 61

EFFLUENT GROSS VALUE

00610 (ASN)

NITROGEN, AMMONIA TOTAL **EFFLUENT GROSS VALUE**

MEASUREMENT

SAMPLE

PERMIT

REQUIREMENT

MO AVG

DAILY M

564 2060

26

LBS/DY

2600 425

LBS/DY

26

1368

OIL & GREASE (FREON EXTR .-**EFFLUENT GROSS VALUE**

IR METH)TOT,RC

MEASUREMENT

227

PERMIT

SAMPLE

REQUIREMENT

MO AVG

DAILY MX

3646

PERMIT

SOLIDS, TOTAL

SAMPLE MEASUREMENT

3405

7506

LBS/DY

26

MINIMUM

7.4 6.5

REQUIREMENT

PERMIT

00530 SUSPENDED **EFFLUENT GROSS VALUE**

00400

0

SAMPLE MEASUREMENT

REQUIREMENT

MO AVG

DAILYMX

LBS/DY

26

EFFLUENT GROSS VALUE

00335

OXYGEN DEMAND, CHEM. **EFFLUENT GROSS VALUE**

(LOW LEVEL) (COD)

MEASUREMENT

SAMPLE

PERMIT

REQUIREMENT

MO AVG

DAILY MX

8164

LBS/DY

4161

PERMIT

BOD, 5-DAY

(20 DEG.

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SAMPLE MEASUREMENT

489

AVERAGE

MAXIMUM

UNITS

MINIMUM

26)

QUANTITY OR LOADING

FROM

8

<u></u>

QUANTITY OR CONCENTRATION

YEAR

≤0

DAY

YEAR 8

≥0

DAY ဗ

PARAMETER

00310

0

Ashok K. Jhawar Authorized Agent:

Business Unit Leader

Business Unit

EPA FORM 3320-1 (08-95) Revised by Indiana (August 2001)

(REPLACES EPA FORM T-40 WHICH MAY NOT BE USED.)

WHITING, LAKE COUNT INDUSTRIAL MAJOR



Whiting Business Unit 2815 Indianapolis Blvd. PO Box 710 Whiting, IN 46394-0710

CERTIFIED MAIL RETURN RECEIPT REQUESTED

January 22, 2003

Indiana Department of Environmental Management OWQ Data Management Section 100 North Senate Avenue P.O. Box 6015 Indianapolis, IN 46206-6015

NPDES Permit No. 0000108, Serials 001, 002, 003, and 004

Effluent quality data and Discharge Monitoring Report forms from the BP Products North America Inc. - Whiting Business Unit for the month of December, 2002, are attached. Effluent quality from the wastewater treatment plant for the month was excellent. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions or need any additional information, please contact R. A. Harris at (219) 473-3321.

Sincerely,

Ashok K. Jhawar

Business Unit Leader

Attachments

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Dec-02 DEC STORM WATER RUNOFF

----OUTFALL 004----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

CERTIFIED OPERATOR: David L. Olem	OVER LIMIT	LOWEST VAL	HIGHEST VAL.	AVERAGE																																DATA	LIMIT 8:	CODE:	
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NO. 14118 exp. 6/30/04 219-473-5298					closed	closed	closed	open	open	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed												

DATE: 1-22.03 ENVIRONMENTAL ENGINEER

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

PERMIT NO. IN0000108

Dec-02 DEC STORM WATER RUNOFF

----OUTFALL 003----

*** NOTE: TO BE SAMPLED AFTER EACH RAIN EVENT IF DISCHARGE OCCURS - ONCE PER WEEK

	HIGHEST VAL. LOWEST VAL. OVER LIMIT	AVERAGE																																DATA	CODE: LIMITS:	PARAMETER
			<u>3</u>	မ	29	28	27	26	25	24	23	22	2	26	19	18	17	16	귥	14	13	12	1	10	ဖ	ω	7	თ	CTI	4	ω	2	_		MAX.	
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<i>></i>	000	0			•	-					-		***************************************		**********	******		*******						1						***************************************			-	mg/l	C00680 110	T00
			closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed	closed			

CERTIFIED OPERATOR: θ and θ , Olem 219-473-5298

DATE: 1-22-03 ENVIRONMENTAL ENGINEER:

BP PRODUCTS NORTH AMERICA Inc., WHITING REFINERY 2815 INDIANAPOLIS BLVD., WHITING, INDIANA 46394

CERTIFIED OPERATOR ${\mathcal M}_{\mathcal U}$ MEANS NOT TESTED THIS DATE	HIGHEST VAL LOWEST VAL OVER LIMIT TOTAL	AVERAGE	3 3 3 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	LIMITS: AVG. MAX. DATE	FREQUENCY PERMIT ACTUAL	SAMPLE TYPE PERMIT ACTUAL	PARAMETER CODE	PERMIT NO
ERATOR	95.7 87.9 0 2845.5	91.8	92.8 93.6 93.6 93.6 93.2 95.7 92.7 91.7 91.8 91.8 91.8 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6	MG/D	CONT	CONT	FLOW Q50050	IN0000108
~ ~) 4º	۵	υ 4 ω 4 4 α ω ω α α α α α α α α α α α α α	DEG C	5/7 CONT	CONT	IN-TEMP	
nd	23	21	2222222288882288882222288333	DEG C	5/7 CONT	CONT	IN-TEMP OUT-TEMP C00010	OUTFALL 002
ate / No. 14/18 xep. 6/30/04	1.206 0.983	1.075	1.044 1.112 1.170 1.087 0.990 1.136 1.040 1.031 1.032 1.032 1.132 1.132 1.132 1.132 1.132 1.132 1.133 1.051 1.061 1.061 1.061 1.061 1.066 1.068 1.068 1.068	1.70 2.00 GBTU/HR	5/7 CONT	CONT	HEAT C99003	Dec-02
14 18 Xep. 219-473-5	8.3	8.2	8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.2 8.3	7-9 pH	3/7 3/7	GRAB GRAB	pH C00400	DEC
6/30/04 6/398	0.3	<0.3		mg/l	3/7 3/7	GRAB GRAB	N-OIL	COOLING
	<0.3 <0.3	<0.3	000000000000000000000000000000000000000	mg/l	3/7 3/7	GRAB GRAB	OUT-OIL C00550	DEC COOLING WATER EFFLUENT
DATE: /-22-03	0.3 <0.0 0	<0.3	\(\delta_{0.3} \) \(\delta_{	mg/i	3/7 5/7	GRAB GRAB	DELTA OIL	FLUENT
12-03	Νω	12		mg/l	5/7 5/7	GRAB GRAB	IN-TOC C99680	
ENVIRO	Νω	ю		mg/l	5/7	GRAB GRAB	OUT-TOC C00680	
ENVIRONMENTAL ENGINEER :	001	0	00 00000 00000 01101	5 mg/l	5/7	GRAB GRAB	OUT-TOC DELTA-TOC RESID-CL C00680	
NGINEER :	<0.04 <0.04 0	<0.04	40.04 40.04 40.04	.05 mg/l	1/7	GRAB GRAB	RESID-CL	·
Kg.	7							